

REMARKS

We have carefully considered the Office Action dated September 30, 2005, and the restriction requirement included therein. We elect species II, with traverse.

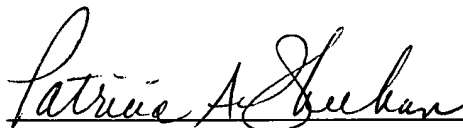
The species II-IV should be considered a single species. We point out that the position and velocity information that is propagated is inertial information and not, as set forth in the explanation of species III, GPS information. We have amended claim 9 to more particularly point out that inertial position is determined using updated position information. Accordingly, each of independent claims 7, 9 as amended and 11 includes determining GPS position, using GPS data to update inertial measurements and determining inertial position.

Specifically, GPS position is determined by the GPS subsystem in claim 7, and in steps C and A, respectively, in claims 9 and 11; GPS data is used to update inertial measurements in the INS Kalman filter of claim 7 and in steps E and C, respectively, of claims 9 and 11; and inertial position is determined by the mechanization task in claim 7 and in steps H and D, respectively, in claims 9 and 11. Thus, independent claims 7, 9 and 11 and the claims that depend therefrom should be examined together.

We have cancelled claims 1-6, which are designated as species I and intend to file a divisional application.

Please charge any additional fee occasioned by this paper to our Deposit Account No. 03-1237.

Respectfully submitted,



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